

[0043] FIG. 8 shows a top view of the present invention kit 100. It includes tray 1 described above with identical components identically numbered. Also included is urinary tract inflation syringe 10, catheter 120, surgical gloves 130 and a tube of lubricant fluid 140. The kit is used as described generally above. The gloves being worn by the surgeon, the catheter being lubricated, inserted and then inflated with fluid using the syringe.

[0044] Obviously, numerous modifications and variations of the present invention are possible in light of the above teachings. It is therefore understood that within the scope of the appended claims, the invention may be practiced otherwise than as specifically described herein.

1. An ergonomic urological catheterization/irrigation tray which comprises:

- a tray structure having a recessed area that includes at least a bottom, opposite side walls, a front and a back, wherein said front has a first width of a predetermined dimension and said back has a second width of a predetermined dimension less than said first width, such that said recessed area is wider at the front than it is at the back, said recessed area having at least one drain located at a lower area thereof, said tray further including a top flange extending at least outwardly each of said opposite side walls, wherein a user may rest said flange on front upper portions of legs when in a supine position, and may discharge or be relieved into said tray.
2. The ergonomic urological catheterization/irrigation tray of claim 1 wherein said tray recessed area formed by said bottom, opposing sidewalls, front and back has a top view trapezoidal shape.
3. The ergonomic urological catheterization/irrigation tray of claim 1 wherein said tray structure further includes at least two folding wing supports adapted to be folded into alignment with one of said opposing sidewalls, said front and said back, and adapted to be unfolded so as to be in a substantially horizontal orientation and extending outwardly from said tray for resting on front upper positions of legs.
4. The ergonomic urological catheterization/irrigation tray of claim 1 wherein recessed area includes a divider wall creating two separate compartments to create an irrigation well and a drainage well.
5. The ergonomic urological catheterization/irrigation tray of claim 4 wherein divider wall has minimum height that is less than a minimum heights of all of said opposing sidewalls, said front and said back.
6. The ergonomic urological catheterization/irrigation tray of claim 3 wherein said at least two folding wing supports are hingedly connected to said flange of said tray structure.
7. The ergonomic urological catheterization/irrigation tray of claim 1 wherein said tray further includes outwardly extended support wings having living hinges.
8. The ergonomic urological catheterization/irrigation tray of claim 1 wherein said at least two folding wing supports are hingedly connected to said front of said tray structure.
9. The ergonomic urological catheterization/irrigation tray of claim 1 wherein said tray has tapered sidewalls adapted to accommodate legs.

10. The ergonomic urological catheterization/irrigation tray of claim 9 wherein said bottom has partially non-flat topography.

11. An ergonomic urological catheterization/irrigation tray kit which comprises:

- (a.) a tray having a recessed area that includes at least a bottom, opposite side walls, a front and a back, wherein said front has a first width of a predetermined dimension and said back has a second width of a predetermined dimension less than said first width, such that said recessed area is wider at the front than it is at the back, said recessed area having at least one drain located at a lower area thereof, said tray further including a top flange extending at least outwardly each of said opposite side walls, wherein a user may rest said flange on front upper portions of legs when in a seated position, and may discharge or be relieved into said tray;
- (b.) a catheter;
- (c.) a urinary tract lubricant;
- (d.) surgical gloves; and,
- (e.) an inflation syringe for inflation of a catheter with fluid.

12. The ergonomic urological catheterization/irrigation tray kit of claim 11 wherein said tray recessed area formed by said bottom, opposing sidewalls, front and back has a top view trapezoidal shape.

13. The ergonomic urological catheterization/irrigation tray kit of claim 11 wherein said tray further includes at least two folding wing supports adapted to be folded into alignment with one of said opposing sidewalls, said front and said back, and adapted to be unfolded so as to be in a substantially horizontal orientation and extending outwardly from said tray for resting on front upper positions of legs.

14. The ergonomic urological catheterization/irrigation tray kit of claim 11 wherein recessed area includes a divider wall creating two separate compartments to create an irrigation well and a drainage well.

15. The ergonomic urological catheterization/irrigation tray kit of claim 14 wherein divider wall has minimum height that is less than a minimum heights of all of said opposing sidewalls, said front and said back.

16. The ergonomic urological catheterization/irrigation tray kit of claim 13 wherein said at least two folding wing supports are hingedly connected to said flange of said tray.

17. The ergonomic urological catheterization/irrigation tray of claim 13 wherein said tray further includes outwardly extended support wings having living hinges.

18. The ergonomic urological catheterization/irrigation tray kit of claim 11 wherein said at least two folding wing supports are hingedly connected to said front of said tray.

19. The ergonomic urological catheterization/irrigation tray kit of claim 11 wherein said tray has tapered sidewalls adapted to accommodate legs.

20. The ergonomic urological catheterization/irrigation tray kit of claim 19 wherein said bottom has partially non-flat topography.